

AMENDMENTS TO THE CLAIMS

What is claimed as being new and desired to be protected by LETTERS PATENT of the United States is as follows:

1 - 14. (Cancel)

15. (Currently Amended) A method of reducing the humidity of air to maintain a desired humidity and temperature of air in a structure comprising the steps of:

drawing ~~return~~ mixed air ~~from a structure~~ into a first air chamber;

passing said ~~return~~ mixed air across a portion of a desiccant wheel removing moisture from said ~~return~~ mixed air;

~~exhausting said return~~ supplying said mixed air as conditioned air into the structure;

drawing a source air into a second air chamber;

passing said source air through a ~~gas-fired~~ heater to heat said source air;

passing said heated source air across a portion of said desiccant wheel removing moisture from said desiccant wheel;

exhausting said source air from said second chamber; ~~and~~

charging said ~~gas-fired~~ heater with an air stream from at least one of said first or said second chamber; and

cooling said mixed air after passing through said desiccant wheel and before being supplied into the structure.

16 - 24. (Cancel)

25. (Currently Amended) The method of claim 15 wherein the heater is gas fired. ~~23 further including the step of cooling said return air after passing through said desiccant wheel and before being exhausted into the structure.~~

26. (Original) The method of claim 25 wherein said air heater is charged by an air stream from said first air chamber.

27. (Original) The method of claim 25 wherein said air heater is charged by an air stream from said second air chamber.

28. (Cancel)